

## PICTURE OF THE MONTH

## Trans-Canada Highway

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This month's picture comes from C. I. Taggart of the Satellite Data Laboratory, Department of Transport, Toronto, Canada. This ESSA 8, APT, picture, taken at his station on Mar. 4, 1969, provides an excellent clear-sky view of the snow-covered area between the Great Lakes and Hudson Bay. Mr. Taggart has annotated a portion of the picture which shows the Trans-Canada Highway between Cochrane and Geraldton in northern Ontario. The highway, indicated by arrows, appears as a very thin gray line. Surrounding the highway are miles of forested, open

field, and frozen lake areas which produce the alternating dark and light patterns.

A narrow area of bright shorefast ice can be seen along the inner perimeter of James Bay and the southern part of Hudson Bay. South of Akimiski Island in James Bay, a partly refrozen open water lead is visible. Farther south, large ice areas can be seen in the southern portion of Lakes Superior, Michigan, Huron, and Erie.

This picture clearly illustrates the resolution capabilities of the current ESSA satellite systems.



FIGURE 1.—ESSA 8 picture showing snow-covered southern Canada on Mar. 4, 1969.